

To: Griswold, Hays[Griswold.Hays@epa.gov]
From: Way, Steven
Sent: Wed 8/19/2015 12:19:17 PM
Subject: Fwd: GK Flow Variability
[Gold King Flow Variability.docx](#)
[ATT00001.htm](#)

FYI

Sent from my iPhone

Begin forwarded message:

From: "Christner, Jan" <Jan.Christner@WestonSolutions.com>
Date: August 17, 2015 at 10:18:34 AM MDT
To: "way.steven@epa.gov" <way.steven@epa.gov>
Subject: GK Flow Variability

See attached that also includes a graph.

Bullet Points:

- For years with multiple flow measurements (2009, 2010, 2011), the Gold King Mine discharge varied by up to 45 percent within 1 year (2009), when the November flow was 45 percent greater than the August flow.
- The Gold King Mine discharge annual average runoff flow varied from the annual average non-runoff flow by up to 22 percent (2010).
- Measurements in 2015 included 31 gallons per minute (gpm) on June 24 (similar to Fall 2014), and 69 gpm on July 15 and July 23.

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